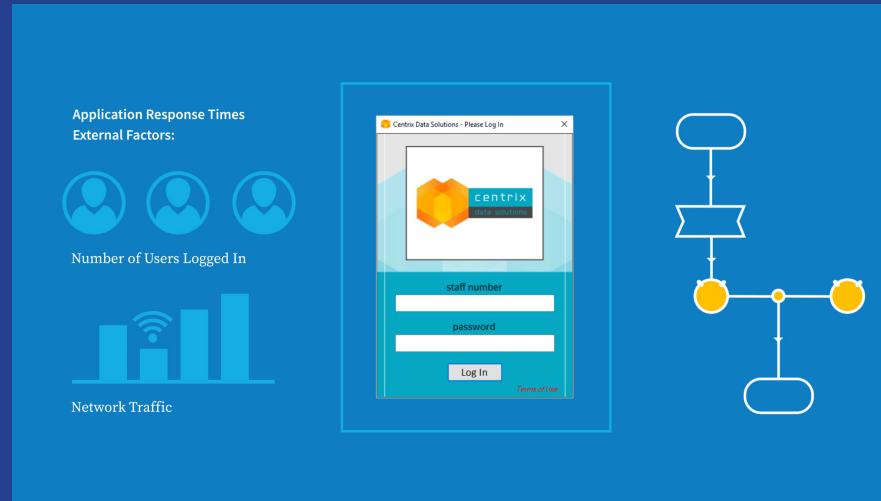


6.4 Wait Stage

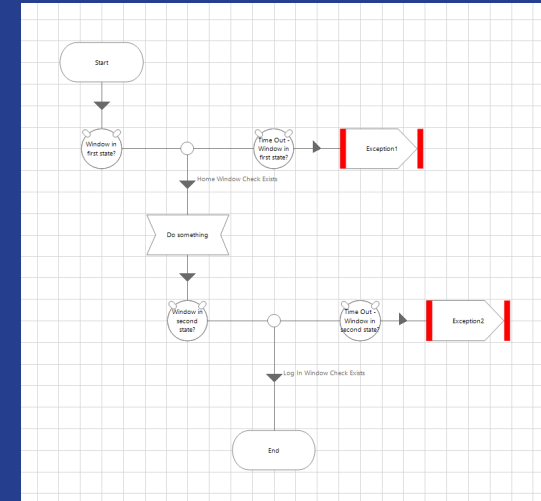


Wait Stage

- The use of a Wait Stage, enables Business Objects to pause and wait for an application to load or a condition to be met, before continuing.
- Wait conditions can be applied to Wait Stages, to evaluate whether a condition exists within a specified period of time.
- The wait condition produces a Flag value, which determines which of the two branches the logic will flow down.
- It is best practice to include a conditional Wait Stage, at the start of every Object Diagram that interacts with an application.
- It is also best practice to include a conditional Wait Stage, following every interaction with an application that causes a change in state.
- It is possible to set multiple wait conditions for a Wait Stage, by adding additional rows into the Actions Area of the Wait Stage properties window.
- The Wait Stage simultaneously checks each wait condition. It doesn't require all wait conditions to be met - once one is met, the path will be determined. If none of the wait conditions are met, the Action will Timeout.



Unpredictable application response times can be mitigated by a conditional Wait Stage.



Object Diagram with conditional Wait Stages and Exception Stages.

The 'Exception Properties' dialog box shows the following details:

- Name: Exception1
- Description:
- Exception Type: System Exception
- Exception Detail: 'Log In Window has not appeared'
- Preserve the type and detail of the current exception: ☐
- Save screen capture: ☐
- Stage logging: Enabled
- Warning threshold: System Default
- Number of minutes: 5 (0 to disable)

Exception Stage properties.

The 'Wait Properties' dialog box shows the following details:

- Name: Wait - Home Page
- Description:
- Application Explorer: Filter the tree. centrix Data Solutions, Log In Window, Element1, Element2, Home Window, Login Failed - Invalid Credentials, Login Failed - Password Expired
- Actions: Table with 6 columns: Element, Params, Condition, Type, Comparison, Value. Rows: Home Window (Check Exists, Flag, Equal, True), Login Failed... (Check Exists, Flag, Equal, True), Login Failed... (Check Exists, Flag, Equal, True).
- Data Explorer: Group: Log In, Password, Staff Number
- Timeout (timespan/secs): 5
- Stage logging: Disabled
- Warning threshold: System Default
- Number of minutes: 5 (0 to disable)

Wait Stage properties with multiple conditions.